Flight

Intermediate Jet FAM-17

Mission

Familiarize the student with normal and emergency procedures in the aircraft with emphasis on system operations, flight characteristics, and landing techniques.

FAM-17

ORM

- **Operational Requirements / Limitations**
  - **Crew Rest / Crew Day / Work Week**
  - **R&I**
  - **IP Currency (SOP)**
  - **Warm Up Eligibility**
  - **Previous Flight Incomplete? Determine Graded Items.**
  - **On-Wing Required/MCG Notes?**
- **Human Factors**
  - **Life Stressors / External Factors / Personal Problems**
  - **Medical Status (Rest / Nourishment / Hydration)**
- **Hazards and Controls**
  - **Routine**
  - **Weather**
    - **Current Observations and Forecasts**
    - **Crosswinds**
    - **Fuel Considerations**
  - **Mission Specific**

TTO

- **Who will call a TTO?**
- **What situations will the TTO be called?**
  - **Safety**
  - **Confusion / Misunderstanding**
- **IP Responsibilities**
  - **Recognize need for TTO**
  - **Explanation / Instruction as necessary**
  - **Documentation on ATF**
- **When and how will training resume?**

FAM-17

ADMIN

- **QOD**
  - NATOPS
  - EP
  - SOP

- **BRIEF**
  - ECS
  - NWS / launch bar
  - Canopy / fog condensation

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ADMIN (card)

- **A/C - ATC C/S - Crew**
- **Brief / Walk / Marshal / Takeoff / Land Times**
- **ATC Clearance / IFF**
- **Line / T/O / Abort / RPM**
- **Comm Plan**
- **Nav Plan**
- **Joker / Bingo**

ADMIN

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- **Launch**
  - **Weather / NOTAMS / TFR / BASH**
  - **Preflight / Start / Marshal / Taxi**
  - **T/O**
  - **Transit**
  - **RadAlt Usage**
- **RTB**
  - **Recovery**
  - **Diverts**
    - **Area 1,2,3**
    - **Meridian West**
    - **Birmingham MOA**
    - **Pine Hills MOA**

Conduct

FAM-17

Practice :

- **No HUD touch-and-go**
- **Aircraft exterior preflight**
- **Checklists**
- **Taxi/marshal/TO (ground ops)**
- **Radio communications**
- **Course rules**
- **Field entry (break Wx permitting)**
- **VFR landing pattern**
- **Touch-and-go, full flaps/slats (6 desired)**
- **Roll-and-go, full flaps/slats**
- **Precautionary approach (2 desired, Wx permitting)**

NOTE: This flight may be flown anytime after FAM-12.

Emergencies

FAM-17

- **Ground Emergencies**
- **Abort**
- **Rwy Dep / Gnd Ejection**
- **Radio/ICS failure**
- **Loss of Navaids**
- **Lost Plane**
- **System Failures**
- **Disorientation**
- **Bird strike/ Midair**
- **SAR procedures**
- **Ejection**
- **Aircrew Coordination**

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Recap

- **Overall Flow**
- **Questions**

STANDARD DEBRIEFING FORMAT

FAM-17

- The Flight Lead or Pilot-in-Command is responsible for ensuring all flight or crewmembers are thoroughly debriefed on the conduct of the mission utilizing the “S-P-B-E-MS-LL” format outlined below. (Refer to the CTW-1/CTW-2 Expanding Debriefing Guide for specific objectives).

I. Safety
II. Planning
III. Brief
IV. Execution
V. Mission Success
VI. Lessons Learned